

Report of Examination Routing Slip

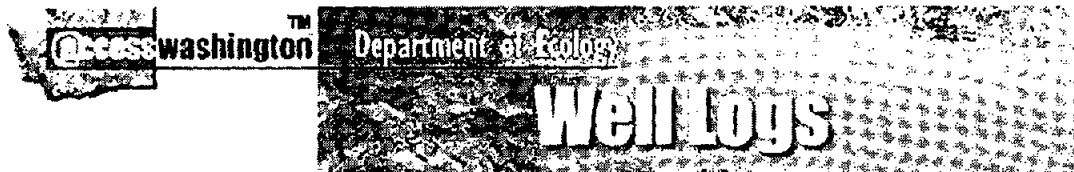
File No./Location: Y:/Jill/ROE/Tahuya Project/G228813
Letter No: Application Approved
Fee: \$20⁰⁰

	<u>Initial</u>	<u>Date</u>
Author	<u>JW</u>	<u>8/15/03</u>
Hydrogeologist	_____	_____
Lead Review	<u>MD</u>	<u>8/19/03</u>
Second Review	<u>Q</u>	<u>8/20/03</u>
Proof Review	_____	_____
Signed by Author	_____	_____
Section Supervisors Approval and Sig.	_____	_____
Tracking	_____	_____

Mail Copies of Report To Following Parties:

Enclosure: (list)

Mailed Originals and cc's JH 9/2/03



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TEXT SEARCH RESULTS

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- **Search Criteria Used:** Township: **22**, Range: **03W**, Section(s): (, **20**, **29**)
- There are **27** well logs that match your search criteria.
- The results are sorted by Well Owner Name.

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Displaying **1 - 20** of **27** well log results

Sort results by: Well Owner Name

- BOB DAVIS** - { [view PDF](#) | [view TIFF](#) }
Public Land Survey: SW, SW, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: N SHORE RD, TAHUYA, 98528
Well Log ID: 54873, Well Tag ID: ABG079, Notice of Intent Number: W018710
Well Diameter: 6 (inches), Well Depth: 180 (feet)
Well Type: Water, Well Completion Date: 4/29/1994, Well Log Received Date: (blank)
- BOB NEWBILL** - { [view PDF](#) | [view TIFF](#) }
Public Land Survey: SW, SE, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: NE 16201 N SHORE RD, TAHUYA, 98588
Well Log ID: 55653, Well Tag ID: ACD890, Notice of Intent Number: W071690
Well Diameter: 6 (inches), Well Depth: 39 (feet)
Well Type: Water, Well Completion Date: 8/14/1996, Well Log Received Date: (blank)
- BOB SLEEM** - { [view PDF](#) | [view TIFF](#) }
Public Land Survey: NW, NE, S-29, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 44638, Well Tag ID: (blank), Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 85 (feet)
Well Type: Water, Well Completion Date: 5/17/1986, Well Log Received Date: 9/23/1987
- DALE MCMANN** - { [view PDF](#) | [view TIFF](#) }
Public Land Survey: (blank), (blank), S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 45558, Well Tag ID: (blank), Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 100 (feet)
Well Type: Water, Well Completion Date: 10/15/1978, Well Log Received Date: (blank)
- DAN LOTZ** - { [view PDF](#) | [view TIFF](#) }
Public Land Survey: SE, SE, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: 16311 NORTH SHORE RD, TAHUYA, 98588
Well Log ID: 56326, Well Tag ID: AEA964, Notice of Intent Number: W100280
Well Diameter: 6 (inches), Well Depth: 142 (feet)
Well Type: Water, Well Completion Date: 11/11/1998, Well Log Received Date: (blank)
- DON KNUDSEN** - { [view PDF](#) | [view TIFF](#) }
Public Land Survey: SE, SW, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)

County: MASON, Well Address: (blank)
Well Log ID: 276023, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 366 (feet)
Well Type: Water, Well Completion Date: (blank) , Well Log Received Date: (blank)

7. **DON UTLEY** - { [view PDF](#) | [view TIFF](#) }

Public Land Survey: NW, NE, S-29, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: 17061 N SHORE RD, TAHUYA
Well Log ID: 46246, Well Tag ID: (blank) , Notice of Intent Number: A026698
Well Diameter: 6 (inches), Well Depth: (blank)
Well Type: Decommissioned, Well Completion Date: 10/2/1998, Well Log Received Date: 10/14/1998

8. **DON UTLEY** - { [view PDF](#) | [view TIFF](#) }

Public Land Survey: NW, NE, S-29, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 277498, Well Tag ID: AEE461, Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 23 (feet)
Well Type: Water, Well Completion Date: (blank) , Well Log Received Date: (blank)

9. **ED LESKOVAR** - { [view PDF](#) | [view TIFF](#) }

Public Land Survey: (blank), (blank), S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 46554, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 42 (feet)
Well Type: Water, Well Completion Date: (blank) , Well Log Received Date: 10/16/1984

10. **ERNEST VAN TINE** - { [view PDF](#) | [view TIFF](#) }

Public Land Survey: NW, NW, S-29, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 46746, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 31 (feet)
Well Type: Water, Well Completion Date: 6/29/1965, Well Log Received Date: (blank)

11. **HERB CHAFFEY** - { [view PDF](#) | [view TIFF](#) }

Public Land Survey: SE, SW, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: STAR ROUTE 1 BOX 180
Well Log ID: 47891, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: (blank)
Well Type: Water, Well Completion Date: 1/15/1981, Well Log Received Date: (blank)

12. **HERB CHAFFEY** - { [view PDF](#) | [view TIFF](#) }

Public Land Survey: SE, SW, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 47892, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 62 (feet)
Well Type: Water, Well Completion Date: 2/5/1981, Well Log Received Date: (blank)

13. **HERB CHAFFEY** - { [view PDF](#) | [view TIFF](#) }













Public Land Survey: SE, SW, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 47893, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 99 (feet)
Well Type: Water, Well Completion Date: 4/1/1980, Well Log Received Date: 11/3/1980

14. **HERBERT CHAFFEY** - { [view PDF](#) | [view TIFF](#) }

Public Land Survey: SW, SE, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 47909, Well Tag ID: (blank) , Notice of Intent Number: (blank)

Well Diameter: 6 (inches), Well Depth: 99 (feet)

Well Type: Water, Well Completion Date: 3/17/1988, Well Log Received Date: 3/31/1988

15. **HERBERT CHAFFEY** - { [view PDF](#)  | [view TIFF](#)  }
Public Land Survey: SW, SE, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 276260, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 143 (feet)
Well Type: Water, Well Completion Date: (blank) , Well Log Received Date: (blank)
16. **HERBERT CHAFFEY** - { [view PDF](#)  | [view TIFF](#)  }
Public Land Survey: SW, SE, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 276261, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 143 (feet)
Well Type: Water, Well Completion Date: (blank) , Well Log Received Date: (blank)
17. **HERBERT CHAFFEY** - { [view PDF](#)  | [view TIFF](#)  }
Public Land Survey: SW, SE, S-20, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 276262, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 143 (feet)
Well Type: Water, Well Completion Date: (blank) , Well Log Received Date: (blank)
18. **JANE KELSEY** - { [view PDF](#)  | [view TIFF](#)  }
Public Land Survey: NW, NE, S-29, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 48409, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: (blank) , Well Depth: (blank)
Well Type: Water, Well Completion Date: 7/1/1986, Well Log Received Date: (blank)
19. **JOE SUTTER** - { [view PDF](#)  | [view TIFF](#)  }
Public Land Survey: NW, NE, S-29, T-22-N, R-03-W, Tax Parcel Number: (blank)
County: MASON, Well Address: (blank)
Well Log ID: 48867, Well Tag ID: (blank) , Notice of Intent Number: (blank)
Well Diameter: 6 (inches), Well Depth: 86 (feet)
Well Type: Water, Well Completion Date: 7/11/1986, Well Log Received Date: (blank)
20. **JOHN SUTTER** - { [view PDF](#)  | [view TIFF](#)  }
Public Land Survey: SW, SE, S-20, T-22-N, R-03-W, Tax Parcel Number: 32220-50-03015
County: MASON, Well Address: 16795 NE N SHORE RD, TAHUYA 98588
Well Log ID: 336607, Well Tag ID: AGE777, Notice of Intent Number: W159403
Well Diameter: 6 (inches), Well Depth: 153 (feet)
Well Type: Water, Well Completion Date: 4/16/2002, Well Log Received Date: 4/22/2002

Result Pages: [1](#) [2](#) [Previous](#) | [Next](#)

Total Result Pages: 2

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<http://apps.ecy.wa.gov/welllog/scripts/textresults1.asp?township=22&range=03W§ion=...> 7/8/2003

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. 067407

UNIQUE WELL I.D. #

Water Right Permit No.

(1) OWNER: Name Don Knudsen

Address PO box k Shelton WA 98584

(2) LOCATION OF WELL: County Mason

SE 1/4 SW 1/4 Sec 20 T. 22 N. R. 3W W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) NE 200 Bales Rd Tahuya WA 98588

(3) PROPOSED USE: ☒ Domestic ☐ Industrial ☐ Municipal ☐
☐ Irrigation ☐ Test Well ☐ Other ☐
☐ DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one)
Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☒ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 366 feet Depth of completed well 366 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from 0 ft. to 361 ft.
Welded ☒ " Diam. from " ft. to " ft.
Liner installed ☐ " Diam. from " ft. to " ft.
Threaded ☐ " Diam. from " ft. to " ft.

Perforations: Yes ☐ No ☒
Type of perforator used _____
SIZE of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

Screens: Yes ☒ No ☐
Manufacturer's Name Houston
Type stainless wire wrap Model No. _____
Diam. 5" Slot size 50 from 361 ft. to 366 ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes ☐ No ☐ Size of gravel _____
Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes ☒ No ☐ To what depth? 18 ft.
Material used in seal Betonite
Did any strata contain unusable water? Yes ☐ No ☒
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
Type _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation _____ ft.
Static level 315 ft. below top of well Date _____
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____ (Cap. valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☒ If yes, by whom? _____
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

" " " "
" " " "

Date of test _____
Bailer test 20 gal./min. with 5 ft. drawdown after 1 hrs.
Artest _____ gal./min. with stem set at _____ ft. for _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
Brown conglomerate	0	5
Hardpan	5	64
Cemented sand & gravel with water	64	75
Hardpan	75	180
Cemented sand & gravel with water	180	182
Hardpan	182	235
Cemented sand & gravel with water	235	250
Hardpan	250	270
Blue clay	270	280
Hardpan	280	286
Sand & gravel with some water	286	295
Blue clay	295	315
Cemented sand & gravel with water	315	360
Sand & gravel with water	360	366

Work Started 10/30/92 19 Completed 11/2/92 19

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME Davis Drilling
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

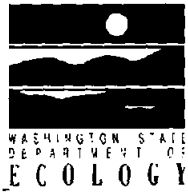
Address Belfair WA 98528

(Signed) Don Knapp License No. 1884
(WELL DRILLER)

Contractor's
Registration
No. DAVISDI1100A Date Nov. 19 93

(USE ADDITIONAL SHEETS IF NECESSARY)





DEPARTMENT OF ECOLOGY
MEMORANDUM

August 14, 2003

TO: Jill Walsh

FROM: Tammy Hall, L.H.G. *TH*

SUBJECT: Hydrogeology pertaining to Pending apps on the Tahuya Peninsula

The following information was compiled from the following resource materials:

- Garling and Molenaar, 1965, *Water Resources and Geology of the Kitsap Peninsula and Certain Adjacent Islands*, USGS Water Supply Bulletin No. 18.
- Puget Sound Cooperative River Basin Team (USDA Soil Conservation Service, USDA Forest Service, Washington Department of Ecology, Washington Department of Fisheries), April 1991, *Watershed Study Report, Lower Hood Canal Watershed, Mason and Kitsap Counties, Washington*.

The lower Hood Canal region is geologically and topographically similar to other coastal regions in the Puget Sound Lowland. The lower Hood Canal region forms the southern portion of the Kitsap Peninsula, lying between the central Cascade Range to the east and the southern Olympic Mountains to the west. The Puget Lowland is part of a large glacial drift plain formed by multiple glaciations that occurred in the region.

The low rolling hills found in the lower Hood Canal watershed are remnants of the Pleistocene glacial drift plain. Gold Mountain and Green Mountain, in the northeast corner of the watershed, consist of Tertiary age volcanic basalt and are the oldest rocks on the Tahuya Peninsula. During the glaciation, the entire area, with the exception of these two upland areas, was covered by glaciers.

During the Pleistocene "Ice Age" vast glaciers originating in Canada advanced several times into the Puget Sound Lowland. As these glaciers advanced and retreated, a complex sequence of unconsolidated and partially consolidated sediments were left behind. Deposits were also left by streams and lakes during these same periods of time.

The unconsolidated glacial and interglacial deposits are up to 2 million years old. The most recent glaciation in the region ended approximately 13,500 years ago and is known as the Vashon Stage of the Fraser Glaciation. Vashon glacial deposits are characterized by a sequence of recessional outwash, lodgement till and other ice contact deposits, and advance outwash deposits.

Generally, groundwater development on the Tahuya Peninsula has been for domestic supplies. Most of the wells are relatively shallow, drawing groundwater from shallow perched aquifers found within glacial

till or overlying outwash deposits. Perched groundwater occurs primarily in localized areas where impervious layers prevent or retard the downward percolation of groundwater. However, increased development of waterfront property has increased the demand for water.

Beneath the perched aquifer system lies the Sea Level aquifer system, which generally occurs between 100 feet above and 200 feet below mean sea level. There are also several deeper aquifer systems within the area. Studies conducted in other areas of Kitsap County indicate that upper aquifers discharge to streams and lakes, while the Sea Level and deeper aquifers discharge largely to Hood Canal.

Seawater Intrusion:

Because WRIA 15's numerous peninsulas are surrounded by Puget Sound and Hood Canal, most of the region lies within two miles of a marine shoreline. Therefore, seawater intrusion resulting from ground water extraction is a potential concern for a large portion of this region.

No widespread occurrences of seawater intrusion have been reported in the coastal area along the north shore of Hood Canal (Dion, N.P. and Sumioka, S.S., 1984, Seawater Intrusion into Coastal Aquifer in Washington, 1978, USGS Water Supply Bulletin 56). The 155 nearshore wells sampled as part of the study showed an average chloride concentration of 1.8 mg/L for Mason County. Although groundwater withdrawals in close proximity to the shore may cause concern, because nearshore wells in the area report relatively low chloride concentrations, the risk of seawater intrusion associated with these applications can be considered fairly low.

Hydrologic analysis

G2-28813 Mike Davis. The applicant requests to withdraw 40 gpm from a well 336 feet deep and 6 inches in diameter. The well site is located approximately 1000 feet inland from Hood Canal at an approximate elevation of 350 feet above msl. The well report indicates drilling through several layers of glacial till, clay, and thin layers of water bearing zones. A water bearing zone was encountered at a depth of 315 feet that continued to the completed depth of the well. The well is screened from 361 to 366 feet below ground surface (bgs), which is approximately at sea level. The static water level measured after drilling was 315 feet bgs, or approximately 35 feet above mean sea level (msl).

Because this well is drawing water from an aquifer at or near sea level, the water bearing zone is likely within the Sea Level Aquifer system. Water intercepted by this well is water that would otherwise discharge to Hood Canal and therefore will not affect surface water flows in the WRIA. However, since the static water of this well is near sea level, there is the potential for seawater intrusion to occur. Withdrawal rates should be monitored so that a pronounced cone of depression does not develop which may induce seawater intrusion. Regular chloride monitoring should be a requirement for this application and if chloride levels increase, mitigative measures should be taken.

G2-28941 Edith Faste. The applicant requests to withdraw 37 gpm from a well 480 feet deep and 6 inches in diameter. The well site is situated less than 720 feet inland from Hood Canal at an approximate elevation of 250 feet above mean sea level (msl). The well report indicates drilling through alternating layers of glacial till, clay, and thin lenses of zones that produce minimal water before intercepting a sand and gravel zone at a depth of 473 feet. The well is screened from 475 feet to 480 feet below ground surface (bgs) or approximately 225 to 230 feet below msl. The static water level was measured at

Memo to Jill Walsh
Tammy Hall
8/14/2003
Page 3 of 3

approximately 374 feet bgs, or 124 feet below msl (measured in 1992) indicating the aquifer is confined. The well report also indicates the well was tested at a withdrawal rate of 15 gpm with a measured drawdown of 6 feet after one hour of bailing. The well is equipped with a pump of sufficient capacity to produce the requested 37 gpm and currently serves 4 residences.

Because the well is drawing water from a water bearing zone greater than 200 feet below msl, the water producing zone is likely within the older undifferentiated deposits that underlie the Sea Level Aquifer system. Water intercepted by this well is water that would otherwise discharge to Hood Canal and therefore will not affect surface water flows in the WRIA. However, since the well is drawing water from an aquifer below sea level, there is the potential for seawater intrusion to occur. Withdrawal rates should be monitored so that a pronounced cone of depression does not develop which may induce seawater intrusion. Regular chloride monitoring should be a requirement for this application and if chloride levels increase, mitigative measures should be taken.

Because of the proximity of this withdrawal to marine water, regular chloride monitoring should be a requirement for this application.

G2-29076 Pleasant Cove Water Association. The applicant requests to withdraw 90 gpm from 2 wells. The well sites are situated less than 750 feet inland from Hood Canal at an approximate elevation of 60 feet above msl. The wells are approximately 175 feet apart. The water system is currently serving 37 homes.

Well 1 has a completed depth of 92 feet and is screened from 87 to 92 feet bgs, approximately 27 to 32 feet below msl. The well report indicates drilling through approximately 75 feet of glacial till before intercepting a water bearing zone that extends from 75 to 92 feet bgs. The static water level measured after drilling was 35 feet bgs, or approximately 25 feet above msl, indicating the aquifer is confined.

Well 2 has a completed depth of 144 feet and is screened at three intervals; from 104 feet to 109 feet (44 to 49 feet below msl), 114 feet to 119 feet (54 to 59 feet below msl), and 137 to 142 feet bgs (77 to 82 feet below msl). The well report indicates drilling through approximately 53 feet of glacial till before intercepting several thin water bearing zones at various depths interspersed between layers of till and clay. The static water level measured after drilling was 40 feet bgs, approximately 20 feet above msl, indicating the aquifer is confined.

Because both wells tap water from aquifers at or near sea level, these wells are likely drawing water from the Sea Level Aquifer system. Water intercepted by these wells is water that would otherwise discharge to Hood Canal and therefore will not affect surface water flows in the WRIA. However, since the wells are drawing water from an aquifer below sea level, there is the potential for seawater intrusion to occur. Withdrawal rates should be monitored so that a pronounced cone of depression does not develop which may induce seawater intrusion. Regular chloride monitoring should be a requirement for this application and if chloride levels increase, mitigative measures should be taken.



TAMMY L. HALL

Water Rights Tracking System
Department of Ecology
WR Document List Sorted by TRS Report

File #	Cert #	Permit #	First Primary	Stat	Target	Doc	Priority Dt	Stage	Qi	UOM	Qa	Ir Acres	WR/A	County	Rgn	TRS	Purposes	Src's	1stSrc
1-160494CL			MENARD	A	NA	Claim L	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	WELL
1-158403CL			FLEMING	A	NA	Claim L	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	WELL
1-155830CL			GERSTMANN	A	NA	Claim L	NA	NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	SPRINGS
1-137514CL			NICHOLS	A	NA	Claim L	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	WELL
1-125545CL			OTTO	A	NA	Claim L	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	WELL
0-099774CL			WATERS	A	NA	Claim L	NA	NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	HQ
1-091147CL			UTLEM	A	NA	Claim S	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	
1-084060CL			BASNER	A	NA	Claim L	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG,IR	1	WELL
1-061537CL			FLOYD	A	NA	Claim S	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	
1-051504CL			GEISSLER	A	NA	Claim S	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	
1-041488CL			SIMUNDSON	A	NA	Claim L	NA	NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	STREAM
1-041780CL			ANDREW	A	NA	Claim S	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	WELL
1-034216CL			FULTON	A	NA	Claim S	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	
1-015046CL			POHL	A	NA	Claim L	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	
1-010873CL			SUTTER	A	NA	Claim L	NA	NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	
1-005936CL			DART	A	NA	Claim L	NA	NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	
1-005102CL			HEGGE	A	NA	Claim L	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	
1-001875CL			TVETEN	A	NA	Claim L	NA	NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DG	1	
1-20172CWRI	S2-20172 C		SUTTER JOSEPH F	A	NA	Cert	04/27/1972	NA	0.0100	CFS	1.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	1	UNNAMED
1-20437CWRI	S2-20437 C		DART JAMES ET A	A	NA	Cert	08/11/1972	NA	0.0200	CFS	1.000	0.00	15	MASON	SW	22.0N 03.0W 20	DM	1	UNNAMED
1-00810CWRI	S2-00810 C	13490	STAFFORD ROY E	A	NA	Cert	11/04/1963	NA	0.0100	CFS	1.600	0.00	15	MASON	SW	22.0N 03.0W 20	DM	2	UNNAMED
1-17658CWR	08736	12991	BELL ROBERT ET	A	NA	Cert	12/19/1962	NA	0.0050	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	1	UNNAMED

Water Rights Tracking System
Department of Ecology
WR Document List Sorted by TRS Report

File #	Cert #	Permit #	First Primary	Stat	Target	Doc	Priority Dt	Stage	Qi	UOM	Qa	Ir Acres	WRIA	County	Rgn	TRS	Purposes	Src's	1stSrc
*17683CWR 08737	12993		ANDERSON JE	A	NA	Cert	01/10/1963	NA	0.0100	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	1	UNNAMED
*17310CWR 09179	12923		FLOYD K/T L	A	NA	Cert	05/25/1962	NA	0.0050	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	1	UNNAMED
*17422CWR 08700	12926		HAMLIN D O	A	NA	Cert	07/27/1962	NA	0.0100	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	1	UNNAMED
*17457CWR 09882	12879		LEIENDECKER K	A	NA	Cert	08/14/1962	NA	0.0150	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DM	1	UNNAMED
*17459CWR 08643	12853		ALDERSON W E	A	NA	Cert	08/16/1962	NA	0.0100	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	1	UNNAMED
*17499CWR 09444	13501		FAHEY F A	A	NA	Cert	08/30/1962	NA	0.0100	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	2	FAY CREE
*17500CWR 08652	12872		FERRY J P	A	NA	Cert	09/05/1962	NA	0.0100	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	2	UNNAMED
*17527CWR 08663	12875		MAUGHAN T W	A	NA	Cert	09/20/1962	NA	0.0100	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	1	UNNAMED
*08301CWR 06770	05689		HUSON F R	A	NA	Cert	03/29/1948	NA	0.0100	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DS	1	UNNAMED
28813			DAVIS	A	NA	NewApp	04/01/1993	AppAccepte	40.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 20	DM	1	WELL
157379CL			BASNER	A	NA	Claim S		NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 21	DG,IR	1	STREAM
157380CL			BASNER	A	NA	Claim S		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 21	DG	1	
121423CL			BERGERSON	A	NA	Claim S		NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 21	DG	1	CP
*17498CWR 09916	12975		HALL E M	A	NA	Cert	08/30/1962	NA	0.0400	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 21	DM	1	UNNAMED
*10451CWR 04503	07600		SAUNDERS R G W	A	NA	Cert	06/29/1951	NA	0.0100	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 21	DS	1	UNNAMED
033416CL			BASS	A	NA	Claim S		NA	0.0000	GPM	0.000	0.00	14	MASON	SW	22.0N 03.0W 28	DG	1	
017653CL			TVETEN	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	14	MASON	SW	22.0N 03.0W 28	DG	1	
006710CL			GUSTAFSON	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 28	DG	1	
005172CL			ROBBINS	A	NA	Claim L		NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.0N 03.0W 28	IR	1	
003699CL			HANLIN	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.0N 03.0W 28	DG	1	

Water Rights Tracking System
Department of Ecology
WR Document List Sorted by TRS Report

07/23/2003

File #	Cert #	Permit #	First Primary	Stat	Target	Doc	Priority Dt	Stage	Qi	UOM	Qa	Ir Acres	WRIA	County	Rgn	TRS	Purposes	Src's	1stSrc
2-11780CWR	05356	08608	HANLIN T K	A	NA	Cert	10/22/1952	NA	0.0150	CFS	0.000		0.00	15	MASON	SW	22.ON 03.0W 28	DM	1 UNNAMED
2-11701CWR	08322	08766	BAKER/BEST	A	NA	Cert	09/24/1952	NA		0.0050	CFS	0.000	0.00	15	MASON	SW	22.ON 03.0W 28	DM	1 UNNAMED
2-02832CWR	00686	02003	MACFARLANE WR	A	NA	Cert	01/23/1930	NA	0.2000	CFS	0.000	5.00	15	MASON	SW	22.ON 03.0W 28	DM,IR	1 UNNAMED	
2-29369			Nelson	A	NA	NewApp	04/04/1996	AppAccepte	0.0100	CFS	0.000	0.00	15	MASON	SW	22.ON 03.0W 28	DS	1 UNNAMED	
2-157419CL			DUTHIE	A	NA	Claim S		NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG	1	
2-154680CL			CLEVELAND	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	14	MASON	SW	22.ON 03.0W 29	DG,IR	1	WELL
2-140438CL			MAURER	A	NA	Claim S		NA	0.0000	CFS	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG,IR	1	SPRING
2-095123CL			VAN TINE	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG	1	WELL
2-095124CL			VAN TINE	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG	1	WELL
2-068708CL			PACIFIC NATIONA	A	NA	Claim S		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG	1	
2-031654CL			BARNHART	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG	1	WELL
2-023364CL			STACIE	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG	1	
2-015963CL			ANDERSON	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG	1	
2-015273CL			RODEPOUCH	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG	1	
2-013126CL			NASH	A	NA	Claim L		NA	0.0000	GPM	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DG	1	
2-17423CWR	08759	12848	IAMST ET UX	A	NA	Cert	07/30/1962	NA	0.0100	CFS	0.000	0.00	15	MASON	SW	22.ON 03.0W 29	DS	1 UNNAMED	

WR Document Count : 58

Water Rights Tracking System

Department of Ecology

WR Document List Sorted by TRS Report

Reported by:JVAN461

Selection Criteria

Assignment Type	:	ALL
County	:	ALL
Doc #	:	
Doc Type	:	ALL
Person	:	
Place of Use Parcels County-Parcel#	:	
Priority Date From	:	
Priority Date To	:	
Provision Type	:	ALL
Purpose	:	ALL
Region	:	Southwest
Role	:	Primary
Source Type	:	ALL
Stage	:	ALL
Status	:	Active
Surface	:	
Target	:	ALL
TRS	:	22.0N 03.0W 29,22.0N 03.0W 20,22.0N 03.0W 29,22.0N 03.0W 28,22.0N 03.0W 21
Well Tag	:	
WR Class	:	ALL
WR Use Type	:	ALL
WRIA	:	ALL

CHRISTINE O. GREGOIRE
Director



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

7272 Cleanwater Lane, LU-11 • Olympia, Washington 98504-6811 • (206) 753-2353

June 18, 1993

Mike Davis
NE 340 Davis Farm Road
Belfair, Washington 98528-9618

Dear Mr. Davis:

Re: Ground Water Application No. G 2-28813

We acknowledge receipt of your affidavit of publication of notice in connection with the above-numbered application.

The water codes require that no action be taken toward issuance of a permit earlier than thirty (30) days after the last date of publication. This period of time is allowed for filing any protests or objections.

A site investigation will be made by this office before we issue a permit decision. In light of our water right backlog, we estimate it will be about 18 months after receipt of your application before we are able to conduct the site investigation.

Sincerely,

A handwritten signature in cursive script that reads "Sheri Fox".

Sheri Fox
Water Resources

SF:th(12A)

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
NOTICE OF APPLICATION TO
APPROPRIATE PUBLIC WATERS

TAKE NOTICE:

That Mike Davis of Belfair, Washington on April 1, 1993 under Application No. G2-28813 filed for permit to appropriate public waters, subject to existing rights, from a well in the amount of 40 gallons per minute as needed year round each year, for multiple community domestic supply.

The source of the proposed appropriation is located within Lot 13 Great Bend Estates SW¼ SE¼ of Section 20, Township 22 N., Range 3W W.M., in Mason County.

Protests or objections to approval of this application must include a detailed statement of the basis for objections; protests must be accompanied by a two dollar (\$2) recording fee and filed with the Department of Ecology, at the address shown below, within thirty (30) days from May 27, 1993.

DEPARTMENT OF ECOLOGY
P.O. Box 47775
Olympia, WA 98504-7775

5/20-27 2t

Affidavit of Publication

WASHINGTON,
OF MASON } SS.

Julie G. Orme, being first duly sworn

ses and says that he is the clerk
TON-MASON COUNTY JOURNAL, a weekly newspaper. That said a legal newspaper and it is now and has been for more than six months ate of the publication hereinafter referred to, published in the English nuously as a weekly newspaper in SHELTON, Mason County, Washington, ad during all of said time was printed in an office maintained at the aforesaid cation of said newspaper. That the said SHELTON-MASON COUNTY JOURNAL was on the 9th day of August, 1941, approved as a legal newspaper by the Superior Court of said Mason County.

That the annexed is a true copy of a Notice of Appl. to
Appr. Public Waters G2-28813 - Mike Davis

as it was published in regular issues (and not in supplement form) of said

newspaper once each week for a period of two
consecutive weeks, commencing on the

20th day of May, 19 93, and ending on the

27th day of May, 19 93, both dates inclusive, and that such newspaper was regularly distributed to its subscribers during all of said period. That the full amount of the fee charged for the

foregoing publication is the sum of \$ 46.90



Julie G Orme

Subscribed and sworn to before me this 27th day of

May, 19 93

[Signature]
Notary Public in and for the State of Washington
Residing at Shelton, Washington

My commission expires 11-22, 19 94

*affidavit
OK
6/17/93
SK*

CHRISTINE O. GREGOIRE
Director



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

7272 Cleanwater Lane, LU-11 • Olympia, Washington 98504-6811 • (206) 753-2353

April 22, 1993

Mike Davis
NE 340 Davis Farm Road
Belfair, Washington 98528-9618

Dear Mr. Davis:

Re: Ground Water Application No. G 2-28813

Your application for the appropriation of water has been assigned the above referenced number. Please refer to this number in future correspondence.

Enclosed is a notice of your application which must be published once a week for two consecutive weeks in a qualified legal newspaper of general circulation in the County or Counties in which the storage, diversion, and use is to be made and in other newspapers as directed. A list of these newspapers in your county is enclosed. The applicant is responsible for the payment of the publication. Please read the notice carefully to make sure it is correct. Should you find an error, please return the notice to our office for correction.

You should mail or deliver the enclosed notice to a newspaper regarding publication as soon as possible. When you receive the affidavit of publication with the news clipping from the newspaper, please forward the original to this office promptly. Further processing of the application will not be made until the affidavit is returned.

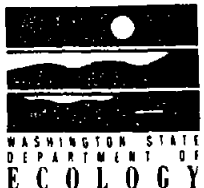
Since your application is for service of more than one residence, it is considered a public water supply. Public water supply systems are required to be approved by either the Local Health Department or the State Department of Health, depending upon system size. If you have not already done so, I suggest that you contact your Local Health Department or DOH, Drinking Water Section, Olympia, Washington, for further information.

A site investigation will be made by this office before we issue a permit decision. In light of our water right backlog, we estimate it will be about 18 months after receipt of your application before we are able to conduct the site investigation.

Sincerely,

Sheri Fox
Sheri Fox

Water Resources
SF:th Enclosures



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

NOTICE OF APPLICATION TO APPROPRIATE PUBLIC WATERS

TAKE NOTICE:

That Mike Davis
of Belfair, Washington on April 1, 1993 under
Application No G-2-28813 filed for permit to appropriate public waters, subject to existing rights,
from a well
in the amount of 40 gallons per minute as needed year round
each year, for multiple domestic supply

The source of the proposed appropriation is located within Lot 13 Great Bend Estates SW¼ SE¼
of Section 20, Township 22 N., Range 3W W.M., in Mason County.

Protests or objections to approval of this application must include a detailed statement of the basis for objections; protests must be accompanied by a two dollar (\$2.00) recording fee and filed with the Department of Ecology, at the address shown below, within thirty (30) days from

(Last date of publication to be entered above by publisher)

Dept OF Ecology
P O Box 47775
Olympia WA 98504-7775

TOWNSHIP MA

SCALE: 2 IN. = 1 MILE
DATED: MAY 1969

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PARCEL 1:

LOT 14 OF SURVEY RECORDED IN VOLUME 13 OF SURVEYS PAGE 249, RECORDED MAY 30, 1989, UNDER AUDITOR'S FILE NO. 494214, AND BEING A PORTION OF SECTION 20, TOWNSHIP 22 NORTH, RANGE 3 WEST, W.M., IN MASON COUNTY, WASHINGTON.

PARCEL 2:

TOGETHER WITH AND SUBJECT TO AN EASEMENT FOR INGRESS, EGRESS AND UTILITIES AS SHOWN ON THE FACE OF SURVEY RECORDED IN VOLUME 13 OF SURVEYS, PAGE 249, RECORDED MAY 30, 1989, UNDER AUDITOR'S FILE NO. 492214, AND BEING A PORTION OF SECTION 20, TOWNSHIP 22 NORTH, RANGE 3 WEST, W.M.



215 W. RAILROAD AVE. • P.O. BOX Z • SHELTON, WA 98584
SHELTON (206) 426-1626 • BREMERTON (206) 377-5017
FAX (206) 426-9493